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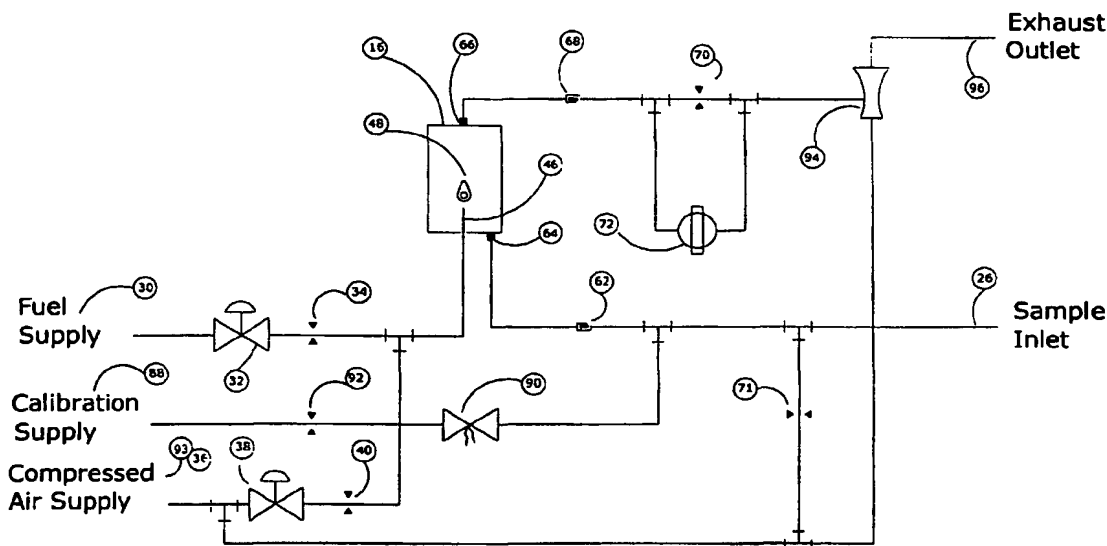
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(54) Title: **GAS ANALYZER FOR MEASURING THE FLAMMABILITY OF MIXTURES OF COMBUSTIBLE GASES AND OXYGEN**

Improved FTA Analyzer



(57) Abstract: A novel Flame Temperature Analyzer (FTA) method and apparatus for measuring combustible gas concentration and oxygen content in a sample gas includes supplying a mixture of oxidant (93) and fuel (30) to a sensing flame (48) and measuring the temperature of the flame as sample (26) is added to the combustion chamber (16).

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